



微纳米与生物力学

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序号	作者	题名	期刊名称	发表年份
1	Yang Ying, Zou Jiaqi, Lee Kang Yong, Li Xian-Fang	Bending of circular nanoplates with consideration of surface effects	Meccanica	2018
2	Yan Xianrong, Li Xiaojie, Wang Xiaohong, Yan Honghao	Synthesis of alumina-bonded polycrystalline diamond by detonation	Ceramics International	2018
3	Chen Xiang, Li Xiaojie, Yan Honghao, Wang Xiaohong, Chen Saiwei	Underwater explosive compaction-sintering of tungsten-copper coating on a copper surface	High Pressure Research	2018
4	Xueqi Li, Xiangyu Zeng, Xiaojie Li, Honghao Yan, Xiaohong Wang, Xuncen Pan	Formation mechanism and electromagnetic-microwave-absorbing properties of carbon-encapsulated permalloy nanoparticles prepared by detonation	Materials Chemistry and Physics	2018
5	Wang Yanxia, Wang Yu, Li Siqi, Aziz ur Rehman Aziz, Liu Shutian, Qin Kairong	The analysis of wall shear stress modulated by acute exercise in the human common carotid artery with an elastic tube model	CMES - Computer Modeling in Engineering and Sciences	2018
6	Zuo Xudong, Wu Chengwei, Zhang Wei, Gao Wei	Magnetic carbon nanotubes for self-regulating temperature hyperthermia	RSC Advances	2018
7	ZHOU Xia, LI Li, WEN Dong, LIU Xiao-xia, WU Cheng-wei	Effect of hybrid ratio on friction and wear behavior of AZ91D matrix nanocomposites under oil lubricated conditions	Transactions of Nonferrous Metals Society of China (English Edition)	2018
8	Lu Yongtao, Zhao Wenyong, Li Junyan, Wu Chengwei	Evaluating the theory of bone mechanoregulation in the physiological loading scenario	Journal of Mechanics in Medicine and Biology	2018
9	Ye Hongfei, Zheng Yonggang, Zhou Lili, Zhao Junfei, Zhang Hongwu, Chen Zhen	Divergent effect of electric fields on the mechanical property of water-filled carbon nanotubes with an application as a nanoscale trigger	Nanotechnology	2018
10	Zheng Yonggang, Sun Jia, Ye Hongfei, Zhang Jiayong, Zhang Hongwu	Crystallization behaviors and mechanical properties of carbon nanotube encapsulated copper nanowires	Computational Materials Science	2018
11	Tang Huayuan, Zhang Hongwu, Ye Hongfei, Zheng Yonggang	Receptor-Mediated Endocytosis of Nanoparticles: Roles of Shapes, Orientations, and Rotations of Nanoparticles	Journal of Physical Chemistry B	2018
12	Li Xian Fang, Tang Guo Jin, Shen Zhi Bin, Lee Kang Yong	Size-dependent resonance frequencies of longitudinal vibration of a nonlocal Love nanobar with a tip nanoparticle	Mathematics and Mechanics of Solids	2017
13	Ma Guojun, Wu Chengwei	Microneedle, bio-microneedle and bio-inspired microneedle: A review	Journal of Controlled Release	2017
14	Xian Fang Li, Jiaqi Zou, Shu Nong Jiang, Kang Yong Lee	Resonant frequency and flutter instability of a nanocantilever with the surface effects	Composite Structures	2016
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16	Li Jingmin, Guo Lihua, Li Yuancheng, Lei Zhenkun, Liu Yuanchang, Shi Weiping, Li Tao, Li Weikang, Liu Chong	A device mimicking the biomechanical characteristics of crocodile skull for lumbar fracture reduction	Bioinspiration & Biomimetics	2016

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